Pre Mission Briefing

- Specific objectives of Mission discussed
- Expected duration of Mission
- Complete SRAP and discuss with UAS Team
- Copy of COA at site
- Weather, METAR briefing, Wind check
- NOTAM, ATC Coordination completed
- Standard Operating Procedures to be exercised during mission
- Discussion on Safety Risks relative to specific hazards within the area of Operation
- Operating limitations/restrictions *(go/no go criteria)*
- Duties of each crew member
- Defined Incident Perimeter and control of same
- Crew resource management *(Communication Plan and any type of specific/unique coordination phraseology)*
- Emergency Lost Links Procedures/Actions
- Site emergency response actions (Fire, injury, other)
- Other contingency plans (Reverse 911)
- Any questions from UAS team

Lost Link Procedures

Failsafe Function: The Phantom will enter Failsafe mode when its connection to the Remote Controller is lost. The Flight Control System will automatically control the aircraft to return to home and land to prevent injury or damage.

Home Point: When the Phantom enters 'Ready to Fly' from the 'Ready to Fly status (non-GPS)', the GPS coordinates will be recorded and set as the home point.

- 1)When Remote Controller signal is lost, the aircraft will return to the recorded home point coordinates and land.
- 2)Home point coordinates are used to calculate the horizontal distance of the aircraft (shown as "Distance" on the GUI of the DJI VISION App).
- 3)After successfully record the home point, rear LED flight indicators blink fast green.
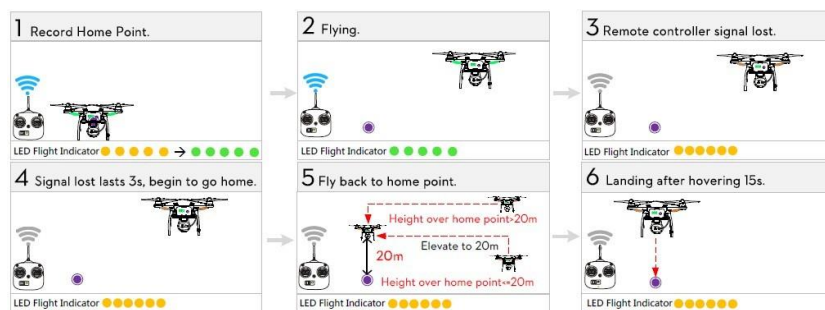
When will Failsafe Activate?

- 1.The Remote Controller is powered off.
- 2.The Phantom has flown out of effective communication range.
- 3.The signal between the Remote Controller and the Phantom has been blocked.
- 4.There is interference causing a signal problem with the Remote Controller.

Failsafe Procedure: Initiating the Failsafe mode from different flying statuses will results in different landing processes.

Ready to Fly (non-GPS) ---- Automatic landing : The Flight Control System will keep the aircraft level during descent and landing. It may be drift during the descent and landing process.

Ready to Fly ---- Automatic go home and land :The Flight Control System will automatically control the aircraft to fly back to the home point and land.

Important:

- (1)To ensure the aircraft successful return to home after Failsafe activation, aim to only fly in Ready to Fly mode.
- (2)The Phantom will automatically descend during the Failsafe process if there are less than 6 GPS satellites detected for more than 20 seconds.
- (3)The aircraft cannot avoid obstacles during Failsafe.

Hints and Tips: Quickly flipping the S2 switch of the Remote Controller from top to bottom 5 times or more will reset the current aircraft position as a new home point. Rear LED flight indicators will blink green rapidly when successful.